

## **Agenda for GEM-CEDAR Challenge Session (09:00 - 12:00)**

- Possible ways (depending on applications) to quantify storm effects on TEC and neutral composition changes
  - Tim Fuller-Rowell 9:00-9:15
  - Aaron Ridley (remote) 9:15-9:30
  - Discussion 9:30-9:45
- Quantifying storm effects on neutral density
  - Analysis of major thermospheric storm density response (2001-2004) using orbit averaged HASDM density data, CHAMP/GRACE orbit averaged accelerometer data, and JB2008 modeled density data based on the Dst index – Bruce R. Bowman 9:45-10:15
  - CHAMP/Modeled orbit averaged neutral densities for GEM-CEDAR Challenge events – Emine Ceren Kalafatoglu Eyiguler 10:15-10:30
  - Discussion 10:30-10:45
- Auroral boundary validation study
  - Auroral model V&V efforts – Yihua Zheng 10:45-11:00
  - Global auroral boundaries from FUV imagers – Yongliang Zhang 11:00-11:15
  - Discussion 11:15-11:30
- Swapping tools of high latitude drivers
  - Different drivers for the TIEGCM for December 2006 – Barbara Emery 11:30-11:40
  - Sensitivity of Ionosphere/Thermosphere to high-latitude drivers – Ja Soon Shim 11:40-11:50
  - Discussion 11:50-12:00